



The National Communications System





1961-1981



**Cuban Missile
Crisis (1962)**

**NCS
(1963)**

Cold War

1981-1991

**EO 12472
NCS Expanded
(1984)**



**Divestiture
(1984)**

**NCC
(1984)**

1992- Present

**FRP w/
Comm Annex
(1992)**

**FRP
Revised
(1995)**

**FRP
Revised
(1999)**

**EO 12656
Further NS/EP
Definition
(1988)**



**Critical Infrastructure
Protection**

**PCCIP
(1996)**

**CIP Board
(2001)**

**Telecom ISAC
(2000)**



- ★ Exercise *telecommunications* functions and responsibilities *in wartime and non-wartime emergencies*
- ★ Perform *planning for and provision of* national security and emergency preparedness *communications* for the Federal Government *under all circumstances*, including crisis or emergency, attack, recovery and reconstitution.

Bottom line: we assure the nation's telecommunications backbone



Interagency

NCS

- National Communications System (NCS)
- Executive Office of the President
- Executive Agent - Secretary of Defense
- 22 Departments/Agencies

DOS	TREAS	DOD	DOJ	DOI	USDA
DOC	HHS	DOT	DOE	CIA	JS
GSA	NASA	VA	FEMA	FCC	
NRC	USPS	FRB	NSA	NTIA	



Industry



- National Security Telecommunications Advisory Committee
- Advises the President
- 30 Senior Executives

LOCKHEED-MARTIN (Chair)		BELLSOUTH (Vice Chair)
AT&T	BANK OF AMERICA	BELLSOUTH
BOEING	CISCO SYSTEMS	CSC
DELL	EDS	LUCENT
MICROSOFT	MOTOROLA	NORTEL
QWEST	NORTHROP GRUMMAN	RAYTHEON
ROCKWELL	SAIC	SBC
SPRINT	TELEDESIC	TRW
UNISYS	USTA WORLDCOM	VERIZON



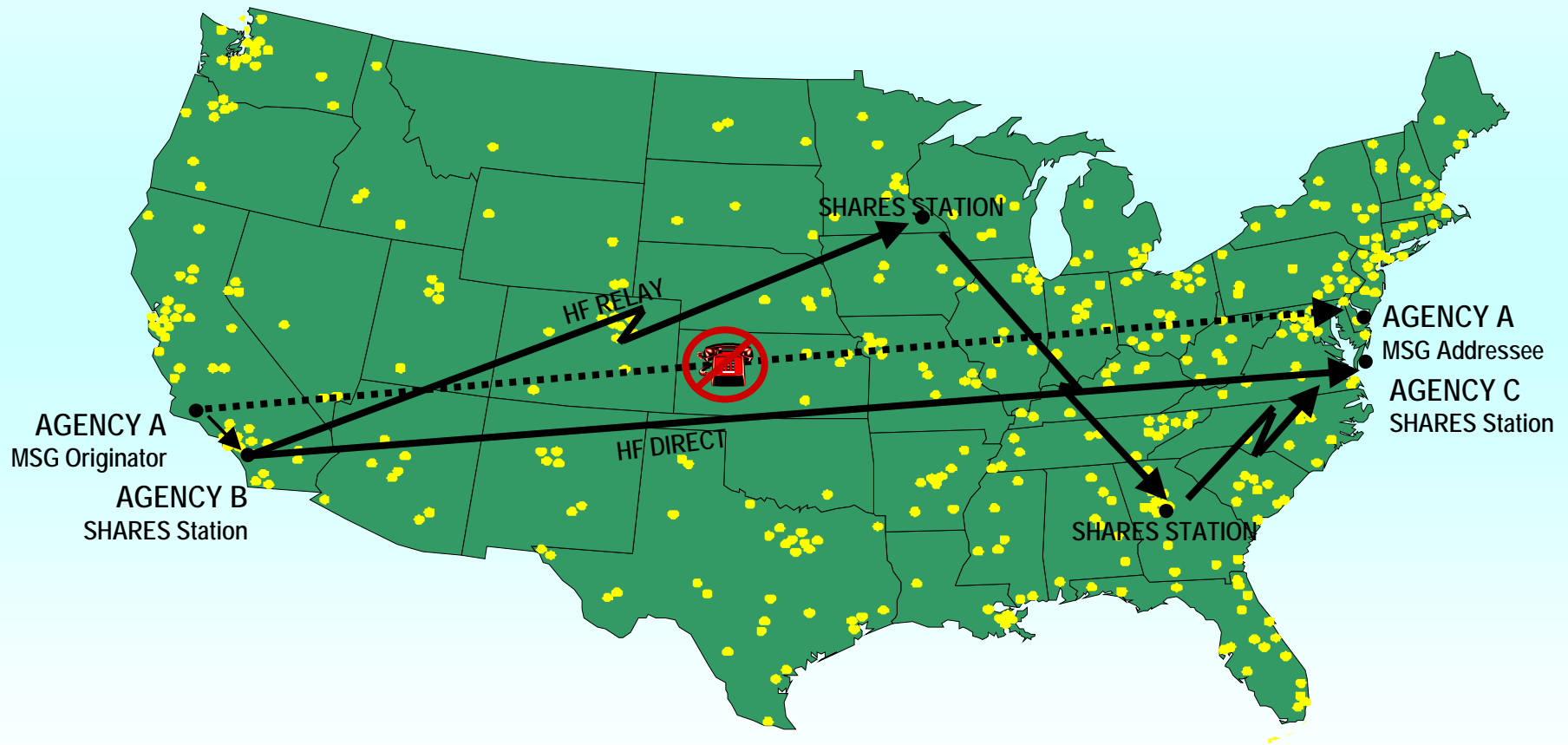
SHArEd RESources (SHARES) High Frequency Radio Program

Office Of The Manager, National Communication System (OMNCS)
701 South Court House Road
Arlington, Virginia 22204-2198

Description

SHARES combines existing High Frequency (HF) assets from 88 Federal, state, and industry organizations into a single emergency voice and data message handling network, supporting national security and emergency preparedness (NS/EP)

SHARES Concept of Operations



Operations

SHARES availability

- Always available
- Requires no activation

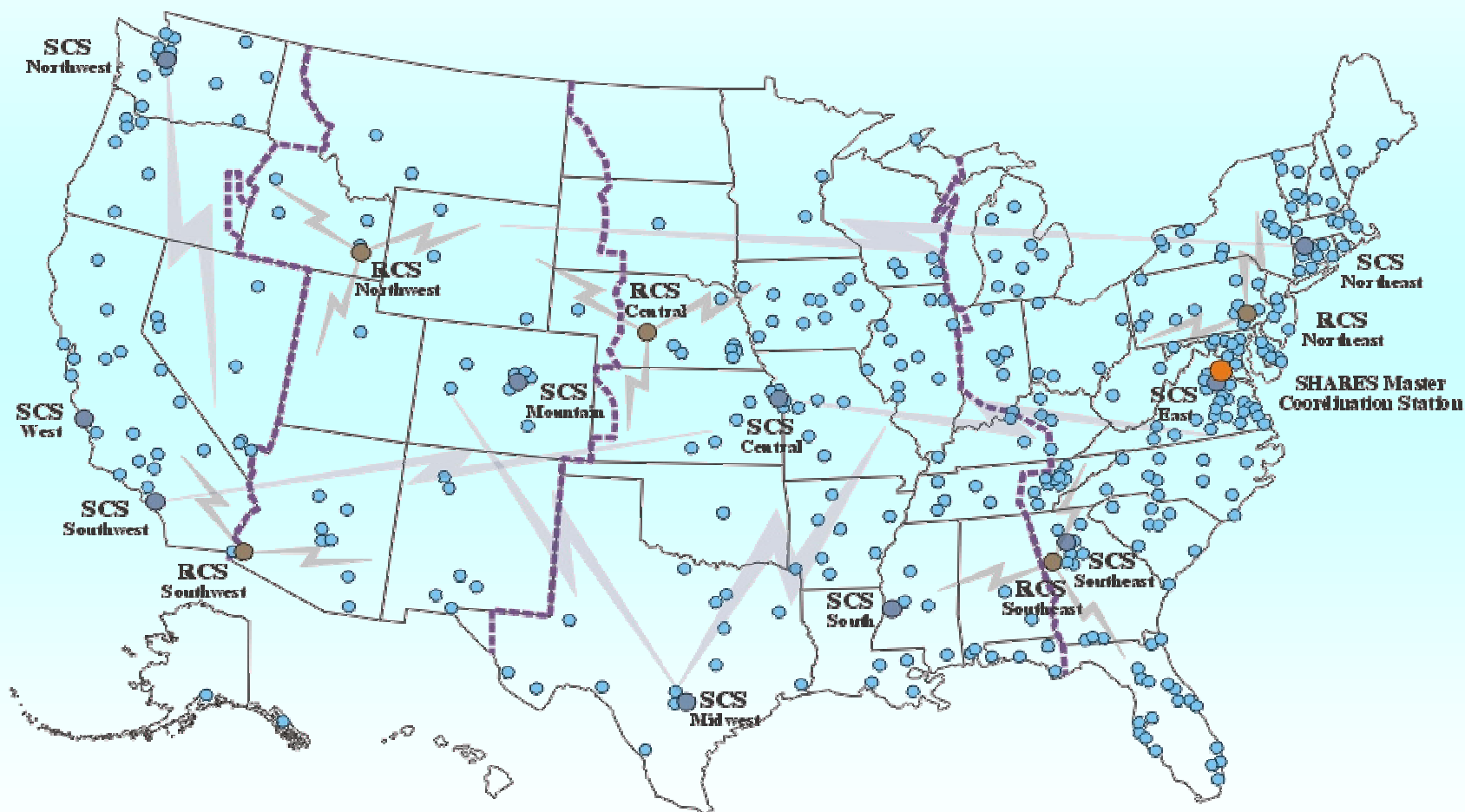
Criteria for emergency use

- No other means of communication available
- Supports NS/EP requirements
- Preservation of life or protection of property
- Non-interfering basis



SHARES HF Radio Program

SHARES Support to the Pentagon & WTC Disasters



Shares HF Radio Program Emergency Operations

- ✧ September 11, 2001 Attack
- ✧ Seattle Earthquake
- ✧ 2001 Presidential Inauguration
- ✧ Hurricanes Debby, Brett, Floyd, Georges, Bonnie, and Danielle
- ✧ Y2K
- ✧ Leonid Meteor Storm

Summary

- ❏ Managed by Office of the Manager, National Communications System (OMNCS)
- ❏ Provides nationwide HF communication capability to meet NS/EP requirements
- ❏ Multi-agency network using existing HF assets and frequencies
- ❏ Proven to be an effective, low cost, all volunteer HF back-up program when other means of communications are lost

Point of Contact

SHARES

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TELECOMMUNICATIONS SERVICE PRIORITY (TSP)

National Communications System
Office of Priority Telecommunications





What is TSP?



Legal Background



The TSP Program establishes the legal framework for telecommunications service vendors to provision, restore, or otherwise act on a priority basis to ensure effective NS/EP telecommunications services.



In 1988, the FCC issued a TSP Report and Order establishing the TSP Program, the regulatory, administrative, and operational framework for priority provisioning and restoration of any qualified National Security and Emergency Preparedness (NS/EP) telecommunications service.



Who Qualifies for TSP?



Organizations with telecommunications services that support either a *national security* or *emergency preparedness* mission.

